

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Intl.  
Appl. No. : PCT/JP2003/016441  
Applicant : Shigeru UMENO et al.  
Intl. Appl.  
Filed : December 19, 2003  
TC/A.U. : Not Assigned  
Examiner : Not Assigned  
Dkt. No. : ABE-026  
Cust. No. : 20374

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. §1.97(b)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

February 16, 2005

Sir:

The attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached Form PTO-1449. One copy of each document is attached.

No fee or statement is required in connection with this Information Disclosure Statement, since it is being submitted prior to the last of (1) issuance of a first official action on the merits and (2) expiration of the three month period following filing of the above-captioned application.

Document FA is not in the English language. However, the publication contains an English language abstract. The concise explanation of the relevance of the document required under 37 C.F.R. §1.98 is believed to be satisfied thereby.

Documents FB and DA are in the English language. Therefore, no concise explanation of the relevance of the documents is believed to be required under 37 C.F.R. §1.98.

Documents FC to FJ are also not in the English language. The concise explanation of the relevance of the documents required under 37 C.F.R. §1.98 is believed to be satisfied by the submission of English language translations thereof.

Document DB is not in the English language. However, the document is cited in the international search report of the present application. A copy of the search report is being filed concurrently herewith. The concise explanation of the relevance of the document required under 37 C.F.R. §1.98 is believed to be satisfied thereby.

Documents FA to FG and DA are also cited in the international search report. Please note an Examiner's obligation to consider documents cited in an International Search Report according to the provisions of MPEP §1893.03(g).

U.S. National Stage of  
PCT/JP2003/016441  
INFORMATION DISCLOSURE STATEMENT

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Please note that document FH is described in the paragraph beginning on page 1, line 24, of the specification of the present application. Document FI is described in the paragraph beginning on page 1, line 29. Document FJ is described in the paragraph beginning on page 2, line 3.

The Commissioner is authorized to charge our Deposit Account No. 111833 for any fee which is deemed by the Patent and Trademark Office to be required to effect consideration of this statement.

Respectfully submitted,

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KTK/jbf  
Attachments: PTO-1449  
Twelve Documents

<p>INFORMATION DISCLOSURE STATEMENT</p> <p>PTO-1449</p>	<p>Atty. Docket No. ABE-026</p>	<p>Serial No. Not assigned</p>
	<p>Applicant: Shigeru UMENO et al.</p>	
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U.S. PATENT DOCUMENTS

Examiner's Initial		Document No.	Date	Name	Class	Sub Class	Filing Date If appropriate
	UA						
	UB						
	UC						
	UD						

FOREIGN PATENT DOCUMENTS

Examiner's Initial		Document No.	Date	Country	Translation Yes/No/Partial
	FA	93/10557 A1	05/27/93	WO	Abstract
	FB	0 969 505 A2	01/05/00	EP	
	FC	2000-49063 A	02/18/00	JP	Translation
	FD	7-66149	03/10/95	JP	Translation
	FE	2001-274166 A	10/05/01	JP	Translation
	FF	6-21033 A	01/28/94	JP	Translation
	FG	2003-297840 A	10/17/03	JP	Translation
	FH	9-22993 A	01/21/97	JP	Translation
	FI	3085184 B2	07/07/00	JP	Translation
	FJ	8-330316 A	12/13/96	JP	Translation

OTHER DOCUMENTS

Examiner's Initial		
	DA	Umeno, Shigeru et al., "Dependence of Grown-in Defect Behavior on Oxygen Concentration in Czochralski Silicon Crystals", <i>Jpn. J. Appl. Phys.</i> , Vol. 38 (1999), pp. 5725-5730.
	DB	Japan Institute of Invention and Innovation Journal of Technical Disclosure No. 98-477, February 2, 1998.
	DC	

<p>Examiner:</p>	<p>Date Considered:</p>
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